

Converting Colors

Hex(B9E941)

Have a look what the booklet for
Hex(B9E941) contains.

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Color

Hex(B9E941)

Conversions

Conversions Part 1

Format	Color
Hex	B9E941
RGB	185, 233, 65
RGB Percent	73%, 91%, 25%
CMY	0.2745, 0.0863, 0.7451
CMYK	0.21, 0.00, 0.72, 0.09
HSL	77°, 79%, 58%
HSV	77°, 72%, 91%
XYZ	50.1006, 68.9738, 15.6737
YIQ	199.4960, 25.3200, -62.4240

Conversions

Conversions Part 2

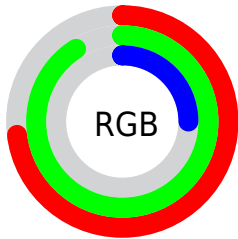
Format	Color
RYB	65, 233, 113
Decimal	12183873
CIELab	86.49, -37.87, 71.89
CIElCh	86, 81.257, 117.781
Yxy	68.9738, 0.3718, 0.5119
Android (android.graphics.Color)	4290373953 (0xFFB9E941)
YUV	199.4960, -66.3065, -12.7130
Hunter-Lab	83.0504, -37.6572, 46.9458

Details

The Hex color **B9E941** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **7141E9**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F4FF7B**, and **7FB100** is the 20% darker color. If you saturate the color by 10%, you get **B2E92A**, and if you desaturate by 10%, it is **C0E958**.

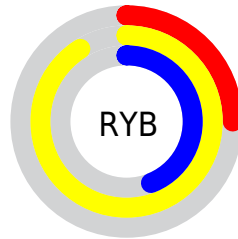
Distribution



Red (73%)

Green (91%)

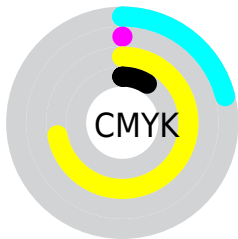
Blue (25%)



Red (25%)

Yellow (91%)

Blue (44%)

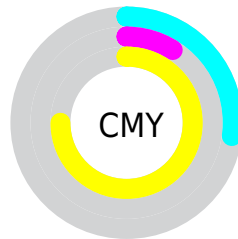


Cyan (21%)

Magenta (0%)

Yellow (72%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9E941 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B9E941 by changing the saturation by 10% instead.

 B9E941

 B9E941

FFFFFF

 9CCD1E

 F4FF7B

 7FB100

 FFFF98

 639600

 FFFFB4

 477C00

 FFFFDD

 296300

 FFFFEE

 004B00

 003300

 001F00

 000000

 B9E941

 B9E941

 B2E92A

 C0E958

 ACE912

 C6E970

 A6E900

 CDE987

 D4E99E

 DAE9B5

 E1E9CD

 E8E9E4

 EEE9FB

 F5E9FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD329



B9E941



44F682

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B9E941



00F5FF



FF8FE2

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B9E941



7141E9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA4FF



B9E941



00E3FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B9E941



00FCFF



CEC6FF



FF9795

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9E941



00FBB5



CEC6FF



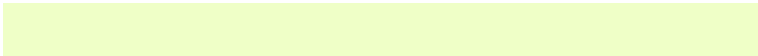
FF93FB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B9E941



EFFFC7



E97141



76805E



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B9E941



C0FF21



65E941



72756A



81B500



263600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7141E9



6121FF



C541E9



6D6A75



3400B5



0F0036

Previews

White Background



This preview shows how the Hex color B9E941 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B9E941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B9E941 Background



This preview shows how black text looks on a background with the Hex color B9E941.

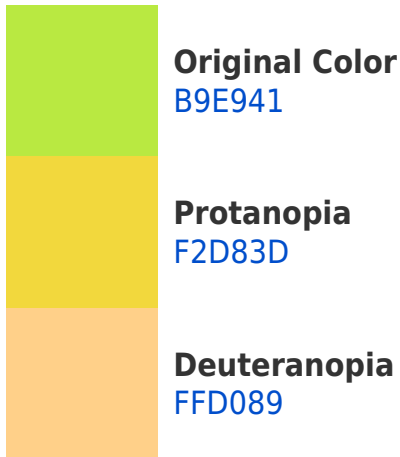


This preview shows how white text looks on a background with the Hex color B9E941.

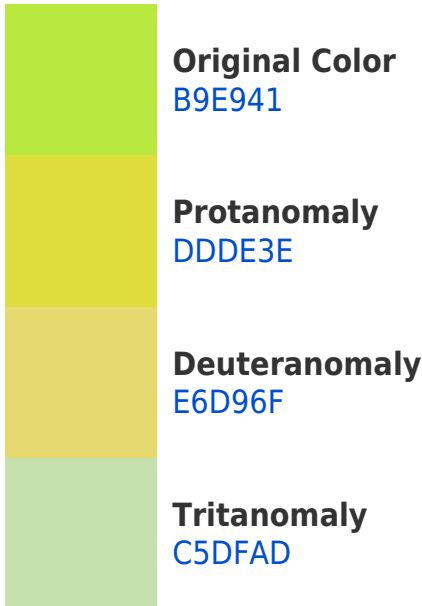
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

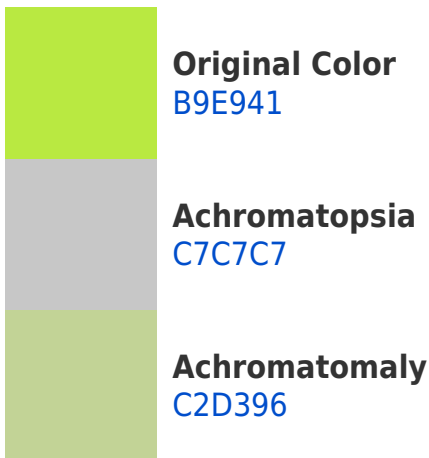
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9E941 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B9E941 looks like.

```
.text, #text, p{  
    color:#B9E941  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B9E941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E941
}
```

Border

The CSS property to change the border of an element to Hex B9E941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B9E941 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B9E941 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B9E941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E941; -webkit-box-shadow:4px 4px  
4px 4px #B9E941; box-shadow:4px 4px 4px  
4px #B9E941 }
```

Background

The CSS property to change the background color of an element to Hex B9E941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E941 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B9E941 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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